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NOTICE OF ALLOWANCE AND FEE(S) DUE

27820

7590

04/07/2004

WITHROW & TERRANOVA, P.L.L.C. P.O. BOX 1287 CARY, NC 27512 EXAMINER

SHINGLETON, MICHAEL B

ART UNIT

PAPER NUMBER

2817

DATE MAILED: 04/07/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/057,707	01/24/2002	Pengfei Zhang	A-68184-1/ENB	9005

TITLE OF INVENTION: VCO WITH HIGH-Q SWITCHING CAPACITOR BANK

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$0	\$665	07/07/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- Applicant claims SMALL ENTITY status.
 See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (703) 746-4000

appropriate All further co	rrespondence including the P below or directed otherwise	atent advance orders a	and notification	of maintenance fee	quired). Blocks I through 4 s s will be mailed to the current ess; and/or (b) indicating a sep	correspondence address as	
CURRENT CORRESPONDEN	CE ADDRESS (Note: Legibly mark-up	with any corrections or use Blo	ock I)	Fee(s) Transmittal. papers. Each addition	of mailing can only be used f This certificate cannot be used onal paper, such as an assignment cate of mailing or transmission.	for any other accompanying	
WITHROW & TERRANOVA, P.L.L.C. P.O. BOX 1287 CARY, NC 27512				Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the Unite States Postal Service with sufficient postage for first class mail in an envelop addressed to the Mail Stop ISSUE FEE address above, or being facsimil transmitted to the USPTO, on the date indicated below.			
						(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE	FIRST	NAMED INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/057,707	01/24/2002	· ·	Pengfei Zhang		A-68184-1/ENB	9005	
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nonprovisional	YES	\$665 		\$0	\$665 —	07/07/2004	
EXA	MINER	ART UNIT	CI	ASS-SUBCLASS			
SHINGLETO	N, MICHAEL B	2817		331-014000			
☐ "Fee Address" indicat PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME ANI PLEASE NOTE: Unless	ed to the USPTO or is being su	on form of a Customer E PRINTED ON THE P ow, no assignee data w bmitted under separate	PATENT (print of ill appear on the cover. Comple	natent Inclusion of	f assignee data is only appropri	ate when an assignment has ignment.	
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4a. The following fee(s) are ☐ Issue Fee	e enclosed:	•	ment of Fee(s):	ount of the fee(s) is			
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☐ Advance Order - # of	Copies	Q T	he Director is hosit Account Nu	ereby authorized by	charge the required fee(s), or (enclose an extra c	credit any overpayment, to	
Director for Patents is reque	ested to apply the Issue Fee an				d issue fee to the application ide		
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other than the applicant; interest as shown by the re	nd Publication Fee (if require a registered attorney or age ecords of the United States Pat	nt; or the assignee or ent and Trademark Off	other party in ice.				
suggestions for reducing Patent and Trademark 22313-1450. DO NOT SEND TO: Commissionel Under the Paperwork Ro	ation is required by 37 CFR by the public which is to filt yis governed by 35 U.S.C. 12 test to complete, including garm to the USPTO. Time will the amount of time you re this burden, should be sent to Office, U.S. Department of SEND FEES OR COMPLET for Patents, Alexandria, Virg eduction Act of 1995, no punless it displays a valid OMB	of the Chief Information of Commerce, Alexan ED FORMS TO THI mia 22313-1450.	n Officer, U.S. ndria, Virginia IS ADDRESS.				



UNITED STATES PATENT AND TRADEMARK OFFICE

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CARY, NC 275				ART UNIT	PAPER NUMBER	
ŕ				2817	*	
				DATE MAILED: 04/07/2004		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 134 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 134 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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A	pplication No.	Applicant(s)			
10	0/057,707	ZHANG ET AL.			
Notice of Allowability E	kaminer	Art Unit			
М	ichael B. Shingleton	2817			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.					
1. X This communication is responsive to <u>the amendment</u>	dated 10/30/04				
2. ☑ The allowed claim(s) ware <u>24-49</u>					
3. ☑ The drawings filed on are accepted by the Examiner.					
4. Acknowledgment is made of a claim for foreign priority under a) All b) Some* c) None of the: 1. Certified copies of the priority documents have be 2. Certified copies of the priority documents have be 3. Copies of the certified copies of the priority documents have be International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of the noted below. Failure to timely comply will result in ABANDONMENTHIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be submitted INFORMAL PATENT APPLICATION (PTO-152) which gives received. (a) including changes required by the Notice of Draftsperson's 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Ar Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.84(each sheet Replacement sheets) should be labeled as such in the leach sheet. Replacement sheets's should be labeled as such in the leach sheet.	en received. en received in Application I nents have been received in his communication to file a T of this application. d. Note the attached EXAM eason(s) why the oath or de e submitted. s Patent Drawing Review (mendment / Comment or in	No In this national stage application and the reply complying with the reply complying and the reply complying application. PTO-948) attached the Office action of the office action of the office in the front (not the continuous c	equirements NOTICE OF		
each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the					
attached Examiner's comment regarding REQUIREMENT FOR Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date	5.	mal Patent Application (PT	⁻ O-152)		

U.S. Patent and Trademark Office PTOL-37 (Rev. 1-04)

of Biological Material

4.

Examiner's Comment Regarding Requirement for Deposit

Notice of Allowability

9. Other _____.

Part of Paper No./Mail Date 20040324

ARYEX WILL

8.

Examiner's Statement of Reasons for Allowance